

AMENDMENTS TO THE CLAIMS

1. **(Currently amended)** A syringe barrel for an injection apparatus, the syringe barrel being adapted to be mounted on a cylinder holder that comprises a flange insertion groove, the syringe barrel comprising:

a flange adapted to be held by said flange insertion groove so as to fix the syringe barrel;
and

a reinforcing rib comprising a concentric reinforcement and a plurality of radial reinforcements, said reinforcing rib being provided on a rear surface of the flange, wherein the radial reinforcements are positioned around the concentric reinforcement.

2. **(Previously presented)** A syringe barrel according to claim 1, wherein the rib and the flange together are adapted to be inserted in a flange holding groove.

3. **(Previously presented)** A syringe barrel according to claim 1, wherein the rib has a height of about 0.2 to about 3 times the thickness of the flange.

4. **(Withdrawn)** A syringe barrel according to claim 1, wherein the rib has a concave portion which is adapted to fit a positioning mechanism installed in the cylinder holder.

5. **(Withdrawn)** A syringe barrel according to claim 4, wherein the positioning mechanism is a latch pushed by a coil spring.

6. **(Withdrawn)** A syringe barrel according to claim 4, wherein the positioning mechanism is a blade spring having a pawl.

7. **(Canceled)**

8. **(Currently Amended, Withdrawn)** A syringe barrel according to Claim 1, comprising a double flange.

9. **(Currently Amended, Withdrawn)** A syringe barrel according to Claim 1, comprising a flange and a thick part provided at a base part on a front surface of the flange.

10. **(Currently Amended, Withdrawn)** A syringe barrel according to Claim 1, comprising a flange and a reinforcing part in the form of a taper provided on a front surface of the flange.

11. **(Currently Amended, Withdrawn)** A pre-filled syringe, comprising:

a syringe comprising a syringe barrel of any of Claims 1 to 6 or 8 to 10; and a chemical solution filled in the syringe.

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12. (New) A syringe barrel according to Claim 1, wherein the radial reinforcements taper in height towards an outside of the flange.